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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/727,498	12/05/2003	Pang-Lun Yang	3319-0109P	7210
2292	7590	06/14/2005	EXAMINER	
BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747			CHOI, JACOB Y	
			ART UNIT	PAPER NUMBER
			2875	

DATE MAILED: 06/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/727,498

Applicant(s)

YANG, PANG-LUN

Examiner

Jacob Y. Choi

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 February 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 05 December 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Specification

2. The disclosure is objected to because of the following informalities: spelling error appears on lines 9 and 22 of page 3. Appropriate correction is required.

Claim Objections

3. Claim 4 is objected to because of the following informalities: the following claim contains a negative limitation phrase, "*the lower section is not smaller than*" and applicant is advised to select positive term or phrase avoid indefiniteness. Appropriate correction is required.

Drawings

4. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the opening has an upper section and a lower section must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

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6. Claims 1-6 are rejected under 35 U.S.C. 102(e) as being anticipated by Till (USPN 6,435,690).

Regarding claim 1, Till discloses a display screen* (display screen on the phone) having an outer frame (10), a light source (15) arranged at one side of the display screen (Figures 1-3), an accommodating device (30) having at least one side face (e.g., Figures 6, 8 & 9), and an opening (51) being formed on the side surface, a light guide plate (50r, 50w) positioned next to the side surface of the accommodating device (30), and a reflection film (reflective coating; column 8, lines 33-68) pasted on the light guide plate (50r, 50w), the light guide plate being positioned between the accommodating device and the reflection film, wherein the light guide plate is substantially positioned around the outer frame of the display screen (e.g., Figures 6, 8 & 9), lights of the light source are directed into the light guide plate via the opening first and reflected by the reflection film (reflective coating; column 8, lines 33-68), so that the outer frame of the display screen is self-illuminated (35).

Note: * claims in a pending application should be given their broadest reasonable interpretation. *In re Pearson*, 181 USPQ.

Regarding claim 2, Till discloses the accommodating device is made of non-light-transmitting materials (column 4, lines 40-60).

Regarding claim 3, Till discloses the opening has an upper section and a lower section, the upper section is faced to the light source, and the lower section is faced to the light guide plate.

Regarding claim 4, Till discloses a second area of the lower section is not smaller than a first area of the upper section.

Regarding claim 5, Till discloses the display screen has a long side and a short side, and the accommodating device is positioned at the long side of the display screen (rectangularly configured).

Regarding claim 6, Till discloses the display screen has a long side and a short side, and the accommodating device is positioned at the short side of the display screen.

7. Claims 1-6 are rejected under 35 U.S.C. 102(e) as being anticipated by Nash (US 2002/0000057).

Regarding claim 1, Nash discloses a display screen* (10) having an outer frame (outer edge(s)), a light source (15) arranged at one side of the display screen (Figure 1), an accommodating device (flange of 19) having at least one side face, and an opening (frontal opening) being formed on the side surface (flange of 19), a light guide plate (11) positioned next to the side surface of the accommodating device (flange of 19), and a reflection film [0065] pasted on the light guide plate (11), the light guide plate (11) being positioned between the accommodating device (flange of 19) and the reflection film, wherein the light guide plate is substantially positioned around the outer frame of the display screen (10), lights of the light source are directed into the light guide plate (11) via the opening first and reflected by the reflection film, so that the outer frame of the display screen is self-illuminated.

Note: * claims in a pending application should be given their broadest reasonable interpretation. *In re Pearson*, 181 USPQ.

Regarding claim 2, Nash discloses the accommodating device is made of non-light-transmitting materials.

Regarding claim 3, Nash discloses the opening has an upper section and a lower section, the upper section is faced to the light source, and the lower section is faced to the light guide plate.

Regarding claim 4, Nash discloses a second area of the lower section is not smaller than a first area of the upper section.

Regarding claim 5, Nash discloses the display screen has a long side and a short side, and the accommodating device is positioned at the long side of the display screen.

Regarding claim 6, Nash discloses the display screen has a long side and a short side, and the accommodating device is positioned at the short side of the display screen.

Conclusion

8: The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Johnson (USPN 5,122,933) – perimeter message and clearance lighting for cargo vehicle container body

Guest (US 2004/0004827) – light devices using light emitting diodes

Chen (USPN 5,301,091) – motor vehicle neon lap device

Torihara et al. (USPN 6,412,969) – backlighting device and a method of manufacturing the same, and a liquid crystal display apparatus

Inoue (USPN 6,270,240) – structure for illuminating sun visor

Son (USON 6,481,870) – emergency lighting fixture

An et al. (USPN 6,494,593) – foldable case having back light

Skinner (USPN 6,717,804) – light-emitting lock device control element and electronic device including the same

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jacob Y. Choi whose telephone number is (571) 272-2367. The examiner can normally be reached on Monday-Friday (10:00-7:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sandra O'Shea can be reached on (571) 272-2378. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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JC

A handwritten signature in black ink, appearing to read 'JAW', with a large, sweeping loop at the end.

JOHN ANTHONY WARD
PRIMARY EXAMINER